

JCAHPO certification examinations are based on the core content areas outlined in the tables below. To demonstrate competence, these content areas measure the knowledge, skills, and abilities that are necessary to pass the examination.

COA, COT, and COMT (Effective through 7/31/2017)

Content Area	COA%	COT%	COMT%
History Taking	8	6	3
Pupillary Assessment	3	5	4
Contact Lenses	2	3	0
Equipment Maintenance and Repair	4	4	3
Lensometry	3	5	6
Keratometry	3	5	3
Medical Ethics, Legal, and Regulatory Issues	5	3	5
Microbiology	2	3	5
Pharmacology	8	5	8
Ocular Motility	3	5	11
Assisting in Surgical Procedures	7	6	3
Ophthalmic Patient Services and Education	16	7	10
Ophthalmic Imaging	3	7	6
Refractometry	6	7	6
Spectacle Skills	3	3	0
Supplemental Skills	8	9	10
Tonometry	4	5	5
Visual Assessment	8	6	6
Visual Fields	4	6	6

Further detail regarding each COA, COT, and COMT content area may be viewed in Appendix A.

OSA

Content Area	OSA%
Pre-Operative Preparation of the Patient	5
Instruments	25
Aseptic Technique	20
Ophthalmic Anesthesia	5
Surgical Procedures	27
Surgical Complications	3
Ophthalmic Surgical Pharmacology	10
Minor Surgery	5

Further detail regarding each OSA content area may be viewed in Appendix C.

ROUB

Content Area	ROUB%
Keratometry	5
Physics	16
Biometry Instrumentation	11
Instrument Settings for Biometry	13
Examination Techniques for Biometry	18
Sources of Error in Biometry	22
Intraocular Lens Power Calculations	15

CDOS

Content Area	CDOS%
Anatomy and Physiology of the Eye and Orbit	7
Biometry	7
Examination Technique	13
Instrumentation	3
Pathology	59
Physics	11

CCOA

Content Area	CCOA%
History Taking	20
Basic Skills & Lensometry	17
Patient Services	16
Basic Tonometry	15
Instrument Maintenance	11
General Medical Knowledge	21

Further detail regarding each CCOA content area may be viewed in Appendix D.



"The JCAHPO CCOA certification has enabled the Medical Specialist team at Regeneron to broaden their expertise in the ophthalmology field as well as understand the unique role of the technician."

- Deborah Reid, CCOA

**New COA, COT, COMT Examination Content Areas Effective 8/1/2017
including a comparison to previous examination content**

Content Areas	New Certified Ophthalmic Assistant (COA)	Previous Certified Ophthalmic Assistant (COA)	New Certified Ophthalmic Technician (COT)	Previous Certified Ophthalmic Technician (COT)	New Certified Ophthalmic Medical Technologist (COMT)	Previous Certified Ophthalmic Medical Technologist (COMT)
Assessments	42%		45%		46%	
Sub-Content Area						
A. History and Documentation	5%	8%	4%	6%	3%	3%
B. Visual Assessment	6%	8%	5%	6%	3%	6%
C. Visual Field Testing	4%	4%	4%	6%	6%	6%
D. Pupil Assessment	3%	3%	4%	5%	3%	4%
E. Tonometry	4%	4%	3%	5%	3%	5%
F. Keratometry	2%	3%	3%	5%	2%	3%
G. Ocular Motility Testing	4%	3%	5%	5%	7%	11%
H. Lensometry	3%	3%	4%	5%	4%	6%
I. Refractometry: Retinoscopy & Refinement	5%	6%	5%	7%	6%	6%
J. Biometry	3%	3%	4%	7%	3%	6%
K. Supplemental Testing	3%	8%	4%	9%	6%	10%
Assisting with Interventions and Procedures						
	22%		17%		19%	
Sub-Content Area						
A. Microbiology	3%	2%	2%	3%	2%	5%
B. Pharmacology	3%	8%	3%	5%	4%	8%
C. Surgical Assisting	4%	7%	4%	6%	4%	3%
D. Ophthalmic Patient Services and Education	12%	16%	8%	7%	9%	10%

Content Areas	New Certified Ophthalmic Assistant (COA)	Previous Certified Ophthalmic Assistant (COA)	New Certified Ophthalmic Technician (COT)	Previous Certified Ophthalmic Technician (COT)	New Certified Ophthalmic Medical Technologist (COMT)	Previous Certified Ophthalmic Medical Technologist (COMT)
Corrective Lenses	4%		9%		9%	
<i>Sub-Content Area</i>						
A. Optics and Spectacles	2%	3%	3%	3%	2%	0%
B. Contact Lenses	2%	2%	6%	3%	7%	0%
Imaging						
	13%		15%		14%	
<i>Sub-Content Area</i>						
A. Ophthalmic Imaging	5%	3%	7%	7%	6%	6%
B. Photography and Videography	8%	3%	8%	7%	8%	6%
Office Responsibilities						
	19%		14%		12%	
<i>Sub-Content Area</i>						
A. Equipment Maintenance and Calibration	3%	4%	1%	4%	2%	3%
B. Medical Ethics, Legal, and Regulatory Issues	4%	5%	3%	3%	2%	5%
C. Communication Skills	3%	0%	2%	0%	3%	0%
D. Administrative Duties	9%	0%	8%	0%	5%	0%